

REEL #438

PONOMAREVOY, G.I.

ARUTYUNOV, V.Ya., prof.; GURVICH, Ye.I., prof. pri uchastii vrachey: E.M. Khuhlarova, Z.F.Ivantsovoy (Podol'sk), A.V.Stepanova, P.N.Goryacheva, M.I.Yelisseyevoy (Mytishchi), S.F.Stepanovoy (Bolshevo), V.A.Leonovoy (Babushkin), M.P.Goncharova (Kaliningrad), G.Ya.Ashkinezer (Kostino), V.M.Pototskogo, G.I.Ponomarevov, A.A.Pleve, A.V.Beskodarova (Serpuukhov), I.I.Kutakova (Yegor'yevsk), G.S.Indenbaum (Kolomna), L.I.Andreyeva, V.G.Ionovoy (Pushkino), G.M.Fedorova (Zagorsk), I.S.Belen'kogo (Tushino)

Late results in the treatment of syphilis. Vest.derm. i ven. 32 no.2:57-60 Mr-Apr '58. (MIRA 11:4)

1. Iz kozhno-venerologicheskoy kliniki (dir. - prof. V.Ya.Arutyunov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F.Vladimirovskogo (dir. - kand.med.nauk P.M.Leonenko) (SYPHILIS, ther. late results (Rus))

begin

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MISHCHENKO, K. F.; TENOMAREVS, A. V.

Thermochemistry

Heat capacities of individual ions in aqueous solutions in the case of unlimited dilution.
Zhur. fiz. khim. 26 no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December ~~1953~~ 1952. Unclassified.

L 34139-66

ACC NR: AP6026029

SOURCE CODE: 016/0005/66/000/001/0012/0011,
(11)

AUTHOR: Ponomarev, I. I. Chudachan, A. N. Subochin, A. P.

Unit: Department of Mineral Technology, Polytechnical Institute, Novosibirsk

TITLE: Constant effects in the influencing of the formation process of white Portland cement clinker in the presence of mineralizers

SOURCE: Silikattechnik, no. 1, 1966, 12-14

TOPIC TAGS: cement, anion, cation, crystallization

ABSTRACT: [German translation (by FRAHN, H., in Berlin) of a Russian-language article] Tests were conducted to establish the consistent effects of the cations (Be, Mg, Li, Na, K), of the anions (SiF₆, F, SO₄, Cl), and of the cations and anions in various combinations with each other on the formation of white Portland cement clinker. The ions investigated form parts of conventional mineralizers. The findings indicated that, in general, the most effective mineralizers are those which combine a cation of relatively low electronegativity and an anion of relatively high electronegativity. Sodium hexafluorosilicate contributes to the formation of a very fine crystalline structure. Orig. art. has: 2 figures and 2 tables. [JPRS: 35,328]

SUB CODE: 11, 07, 20 / SUBM DATE: none / ORIG REF: 013 / OTH REF: 001

Card 1/1 *sky*

UDC: 666.942.82

08/6 1255

PONOMAREY, A. A.

Chem Abs

V.48 25 Jan 54

Organic Chem

Catalytic hydrogenation of furan compound and its
significance in organic synthesis. A. A. Ponomarev and
V. V. Zelenkova. *Uspekhi Khim.* 20, 589-630 (1951). Re-
view with 279 references and tables of deriva. G. M. K.

C. G. M. 4

(2)

MF
7-27-54

PONOMAREY, V. D.

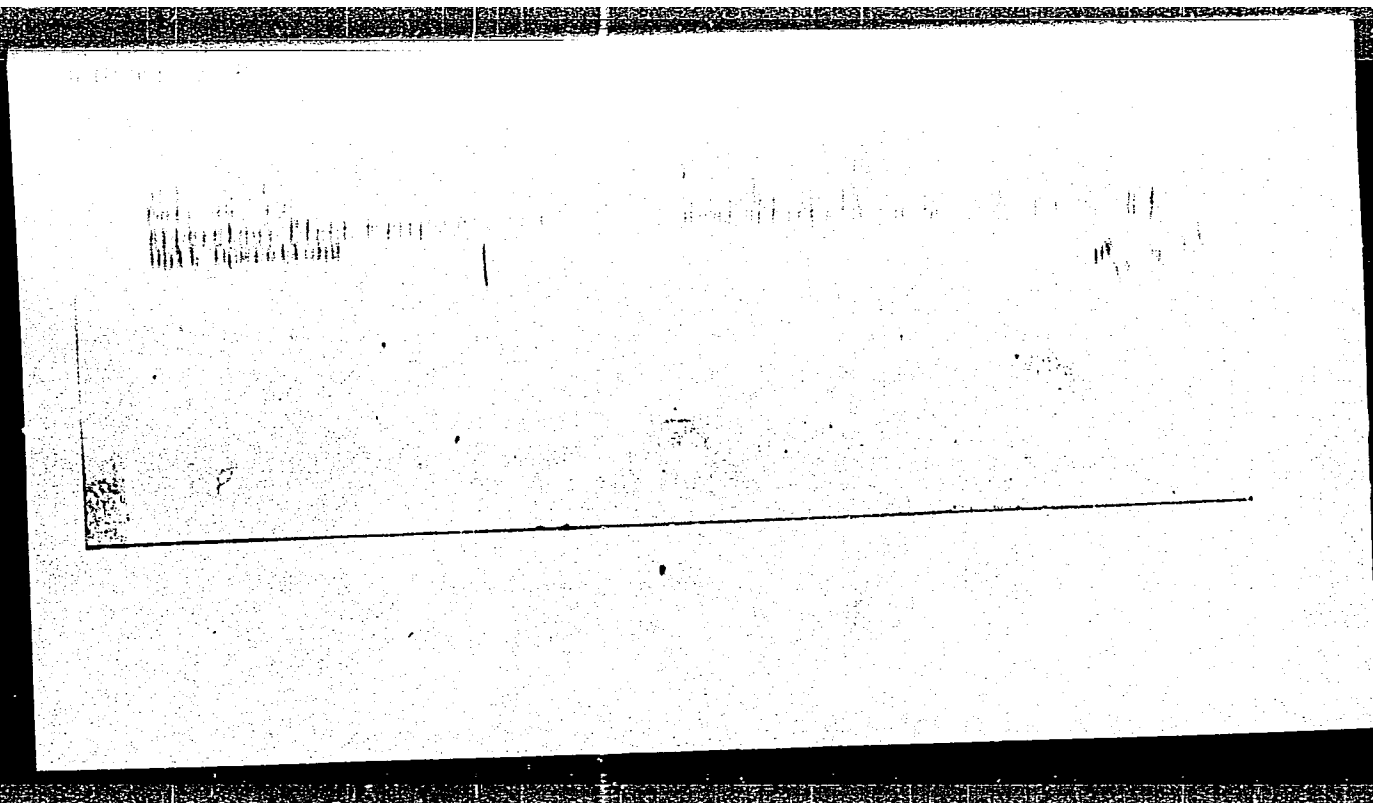
✓ Theoretical considerations of the behavior of components
in aluminiferous materials when they are processed for the
production of alumina. V. D. Ponomarey and Z. T.
Pateeva. *Sibirsk. Nauch. Trudov. Seriya. Gorno-Met.
Inst.* 1953, No. 8, 253-65; Referat. *Zhurn.*, *Khim.*, 1955, No.
2416. — The behavior of $Al_2O_3-SiO_2$ mixts. when treated with
 H_2SO_4 for the production of basic Al sulfate was studied.
A procedure was worked out for the removal of Fe from
 $Al_2(SO_4)_3$. The behavior of SiO_2 in Na_2SO_4 solns. was also
studied. M. Hosh

PM

668

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210001-7



APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210001-7"

PONOMAREV, A.

"A Proper Joining of Split Patterns." Tr. from the Russian. p.165
(PRZEGLAD ODLEWNICTWA Vol. 3, no. 5, May 1953 Krakow, Poland)

TONCHALIEV, N.

For further technical progress. p. 9. GOSPODARKA ZHIOZOWA. (Polskie
Wydawnictwa Gospodarcze) Warszawa. Vol. 6, no. 10, Oct. 1955.

No. East European Economic Lib. Vol. 1, Jan. 1956.

PONOMARJOV, K.

Actual deformations of the standing cylindrical tanks. p. 111.

Magyar Tudományos Akadémia. Műszaki Tudományok Osztálya. KÖZLEMÉNYEK.
Budapest, Hungary, Vol. 23, no. 1/2, 1958.

Institute of Engineering Sciences, Hungarian Academy of Sciences (PEM) 11, vol. 10, no. 1, July, 1958.
111-1

PONOMAR'KOV, V.I.

Appearance of rat mammary gland tumors after the parenteral
administration of niobium-95. Biul. eksp. biol. i med. 52
no.11:102-106 N '61. (MIRA 15:3)

1. Nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR
N.A. Krayevskiy. Predstavlena deystvitel'nyy chlenom AMN
SSSR A.V. Lebedinskim.

(MAMMARY GLANDS--CANCER) (COLUMBIUM--ISOTOPES)

POROMAN'ROV, V. I.

From characterization of inflammatory reaction of the peritoneum
in acute radiation sickness (with summary in English). Med. Probl.
4: 102-103, 1979. (NIA 1-74)
(PHILIPPOFF, 1979)
See also: 102-103 (1979)
(PHILIPPOFF, 1979)
See also: 102-103 (1979)
See also: 102-103 (1979)

USSR / Human and Animal Physiology. Effect of Physical Factors. T-13

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3964

Author : Ponomar'kov, V. I.

Inst : Not given

Title : Morphologic Changes of the Peritoneum in Acute
Radiation Sickness

Orig Pub : Med. radiologiya, 1958, 3, No 1, 50-57

Abstract : No abstract given

Card 1/1

125

PONOMAR'KOV, V.I.

Transplantation of "radiation" tumors of mammary glands in rats. Biul. eksp. biol. i med. 56 no.2:85-88 Ag '63.

(MIRA 17:7)

1. Nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. N.A. Krayevskiy. Predstavleno deystvitel'nyy chlenom AMN SSSR N.A. Krayevskim.

1. Dnyavstulnyy chlen ABH (for Kenyevakly).

2. Dnyavstulnyy chlen ABH (for Kenyevakly).

SELIVANOVA, L.N.; PONOMAREV, V.I.

Effect of small doses of finely dispersed metallic nickel
in a chronic experiment. Farm. i toks. 26 no.6:743-750 N-D '63
(MIRA 18:2)

BIBIKOVA, A.F.; PONOMAR'KOV, V.I.

Remote morphological changes in dogs following whole-body X irradiation. Radiobiologia 1 no.5:769-773 '61. (MIRA 14:11)
(X RAYS --PHYSIOLOGICAL EFFECT)

PONOMAR'KOV, V. I.

Morphological changes in the peritoneum in acute radiation sickness
[with summary in English]. Med.rad. 3 no.1:50-57 Ja-F '58.

(PERITONEUM, effect of radiations,

(MIRA 11:4)

in rabbits (Rus)

(RADIATIONS, effects,

on peritoneum in rabbits (Rus)

L 24235.66 EWT(m)
ACC NR: AP6014671

SOURCE CODE: UR/0241/65/010/010/0057/0061

AUTHOR: Moroz, B. B.; Bezin, G. I.; Grozdov, S. P.; Lebedev, B. I.;
Vasil'yevskaya, V. G.--Vasilievskaya, V. V.; Ponomar'kov, V. I.--Ponomarkov, V. I.;
Fedorovskiy, L. L.--Fedorovsky, L. L.; Fedotov, V. P.

ORG: none

TITLE: Experimental Po sup 210 - induced chronic radiation sickness

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 57-61

TOPIC TAGS: polonium, radiation sickness, dog, alpha radiation, radiology

ABSTRACT: The article describes the features of the clinical course and variation of certain functions in dogs with chronic radiation sickness caused by a single subcutaneous injection of Po²¹⁰ (0.003 microcuries per kg body weight). A prolonged initial period of relative clinical well-being was observed, with a developed picture of radiation sickness setting in only after some 3 months and with the dogs dying off individually after a period of from 128 to 310 days. The distribution of Po²¹⁰ throughout the tissues and organs, which resulted in a constant local alpha-irradiation of the latter, evidently played a major role in the genesis of these disturbances, with gradual increment in the tissue dose, which after 6-9 months reached 1,100-1,400 rads. During the period of distinct radiation sickness the dogs displayed lethargy, lack of appetite, periodic diarrhea, and thirst, along with spontaneous bleeding of the oral mucosa and spontaneous hemorrhages of the rectum and

Cont 1/2

URR 617-001.20-000.912.65

L 24235-00
ACC NR: AP6014671

urinary tract. Shortly before death, the state of the dogs sharply deteriorated; they moved with difficulty, refused food, and vomitted bile and blood. Rectal temperature rose; the pulso was quick, arrhythmic, and arterial pressure fell. With these symptoms, the dogs died. It was accompanied by deep trophic disturbances due to a combination of mechanisms, each of which by itself may cause trophic changes: disturbances in neuroendocrine regulations with insufficiency of the adrenal cortex; metabolic disorders, hemodynamic disorders, and chronic hypoxia, as well as the constant direct local effect of the alpha-emitter on the tissues. Anatomo-pathological dissection revealed that state of general dystrophy which is so characteristic of polonium poisoning and is not encountered when other radioactive isotopes pervade the organism. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 25Aug64 / ORIG REF: 009

Card 2/2dd~

PONOMAREV, A. Lt. Gen of Engineering & Tech. Services

"Postwar Developments in the Design and Equipment of Aircraft," Vest.
Vozd. Flota, No.6, pp 9-16, 1955

Translation D 397561

NESTEROVICH, M.D. [Nestsjarovich, M.D.], akademik; PONOMAROVA, A.U.
[Panamarova, A.U.], kand.biolog.nauk

Anatomical characteristics of leaves in some exotic plants. Vestsi
AN BSSR. Ser. biol. nav. no.3:5-11 '61. (MIRA 14:10)
(LEAVES--ANATOMY) (TREES)

PONOMAROV, K.

"Deviations from the regular geometric form of welded vertical cylindrical reservoirs."

p.7 (Stroitelstvo, Vol. 5, no. 3, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

PODOMAR'OV, S.G. [Ponomar'ov, S.G.], kand. tekhn. nauk; OLEYNIK, M.M.
[Oleynik, M.M.]; CHEBANOVICHAYA, S.D. [Chebanovichaya, S.D.]

Method for producing film for plating on of leather on the plane
plates. Tekhn. prom. inv. zh. 1971, No. 10, 11. (USSR) 17,531

KALITA, YA., ENG., PONOMAROVA

Kality, Ya. P.

"Design, construction and installation of a braking device preventing the reverse motion of the disc in electric meters." Eng. YA. P. Kality, B. A. Ponomarova. Reviewed by Eng. V. I. Kolozhuk. Prom. energ. No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1957, 2Uncl.

VIKULOV, A.V., prof.; ZAMYATINA, Z.I., dotsent; PONOMAR'OVA, A.Ya.,,
assistent; VIKTORA, V.A., ordinator

Use of hinofort for the prevention and treatment of early
puerperal hemorrhage. Ped., akush. i gin. 24 no.1:57-58'62.
(MIRA 16:8)

1. Kafedra akusherstva i ginekologii (zav. - prof. A.V.Vikulov)
L'vovskogo meditsinskogo instituta (rektor - prof. L.M.
Kuzmenko).

(HEMORRHAGE, UTERINE) (ERGOT ALKALOIDS)

Electric meters

"Design, construction and installation of a braking device preventing the reverse motion of a disc in electric meters." Eng. Ya. P. Kalita, B.a. Ponomareva. Reviewed by Eng. V.I. Kolozhuk. Prom energ. 9, no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED

PONOMARVE, T.N.

"The Coals of Pechora as a Source of Fuel for Metal Industry," Dok. AN, 36, No. 8, 1942.

5.3400

77370
SOV/79-30-1-31/78

AUTHORS: Ponomaryev, A. A., Peshekhonova, A. D.

TITLE: Concerning the Study of Furan Compounds. X. Bromination of 1,6-Dioxaspiro(4,4)nonane and Its Homologs With Complex-Bound Bromine

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 1, pp 147-151 (USSR)

ABSTRACT: Spirans react with dioxane dibromide (DDB) (ratio 1:2) forming corresponding dibromoderivatives, in high yield. Dibromoderivatives of the simplest spiran of this type and its 2-methyl homolog were obtained in crystalline and in liquid forms. It was observed that the liquid product is gradually converted into the solid form. This phenomenon is possible connected with the existence of cis- and trans-forms of dibromides. The above reaction (component ratio 1:1) forms mostly monobromoderivatives of spirans. A table of mono- and dibromoderivatives of 1,6-dioxaspiro(4,4)-nonane and its homologs is given

Card 1/4

Concerning the Study of Furan Compounds.
X. Bromination of 1,6-Dioxaspiro(4,4)
nonane and Its Homologs With Complex-Bound
Bromine

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SOV/79-30-1-31/78

(see Table A). There is 1 table; and 13 references, 5
Soviet, 5 German, 3 U.S. The U.S. references are:
H. Burdick, H. Adkins, J. Am. Chem. Soc., 56, 438
(1934); K. Alexander, L. Hafner, L. Schniepp, *ibid.*,
73, 2725 (1951); *ibid.*, 72, 5506 (1950).

ASSOCIATION: Chernishevskiy Saratov Red Star Order State University
(Saratovskiy ordena Krasnogo Znameni gosudarstvennyy
universitet imeni N. G. Chernishevskogo)

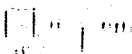
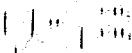
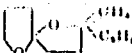
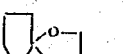
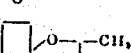
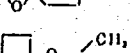
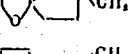
SUBMITTED: January 22, 1959

Card 2/4

Concerning the Study of Furan Compounds.
X. Bromination of 1,6-Dioxaspiro(4,4)
nonane and Its Homologs With Complex-Bound
Bromine

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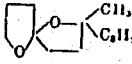
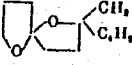
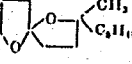
SOV/79-30-1-31/78

Starting spiroan	Bromoderivative	bp	mp			Yield, %
	$C_{10}H_{16}O_2Br$	70—72° (5)	—	1.5009	1.497	70
	$C_{11}H_{18}O_2Br$	69—72 (5)	—	1.5008	1.496	66
	$C_{11}H_{18}O_2Br$	69—70 (10)	—	1.5008	1.494	66
	$C_{11}H_{18}O_2Br$	87—89 (5)	—	1.5040	1.503	70
	$C_{11}H_{18}O_2Br_2$	105—108 (5)	112.5°	1.5408	1.550	45
	$C_{11}H_{18}O_2Br_2$	115—118 (5)	101.5	1.5262	1.733	36
	$C_{11}H_{18}O_2Br_2$	110—112 (5)	—	1.5163	1.636	64
	$C_{11}H_{18}O_2Br_2$	115—117 (2)	—	1.5135	1.583	69

Card 3/4

Concerning the Study of Furan Compounds.
X. Bromination of 1,6-Dioxaspiro(4,4)
nonane and Its Homologs With Complex-Bound
Bromine

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Starting spiran	Bromoderivative	bp	mp	yield in %		
	$C_{11}H_{18}O_2Br_2$	134-136 (5) 123-126 (2)	—	1.5089	1.525	66
	$C_{13}H_{22}O_2Br_2$	145-147 (4)	—	1.5062	1.477	73
	$C_{15}H_{26}O_2Br_2$	152-154 (4) 147-148 (3)	—	1.5048	1.438	68

Card 1/1

5.3400

77889

SOV/79-30-2-40/78

AUTHORS: Ponomaryev, A. A., Finkel'shteyn, A. V., Kuz'mina, Z. M.

TITLE: Concerning the Study of Furan Compounds. XI. Hydration of α , β -Unsaturated Ketones in the Presence of Copper-Aluminum Alloys

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 564-568 (USSR)

ABSTRACT: A copper-aluminum alloy was prepared containing 58-60% Cu and 42-40% Al. The activity of above alloys was investigated in the hydrogenation of furfurylidene-acetone, under pressure, at 20-150°. At 30-40°, a saturated ketone, 1-(α -furyl)butan-3-one (1) and at 100-120°, 1-(α -furyl)-butan-3-ol (2) were formed. There are 1 figure; 1 table; and 15 references, 9 Soviet, 1 French, 3 Belgian, 1 Polish, 1 German.

Card 1/6

Concerning the Study of Pusan Compound, XI

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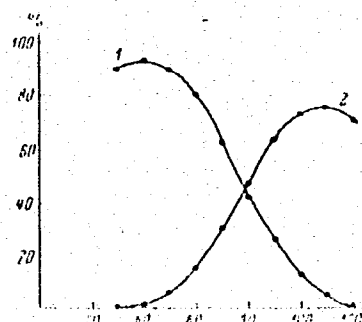
Card 2/6

Concerning the Study of Furan Compounds. XI

77889

SOV/79-30-2-40/78

Fig. 1. Yields of 1 and 2 depending on the temperature.



Card 3/6

Concerning the Study of Furan
Compounds. XI

77889 SOV/79-30-2-40/78

Table 1.

b

c		d				
e	f	g	h	i	n_D^{20}	d_4^{20}
$-\text{CH}=\text{CHCOCH}_3$	80	$-(\text{CH}_2)_2\text{COCH}_3$	85	86-87 ^a (12)	1.4710	1.0350
$-\text{CH}=\text{CH}-\text{CH}=\text{CHCOCH}_3$	60	$-(\text{CH}_2)_3\text{COCH}_3$	80	90-91 (2)	1.4703	0.9960
$-\text{CH}=\text{CHCOCH}_2\text{CH}(\text{CH}_3)_2$	80	$-(\text{CH}_2)_2\text{COCH}_2\text{CH}(\text{CH}_3)_2$	75-80	109-110 (9)	1.4645	0.9720
$-\text{CH}=\text{CH}-\text{CH}=\text{CHCOCH}_2\text{CH}(\text{CH}_3)_2$	100	$-(\text{CH}_2)_3\text{COCH}_2\text{CH}(\text{CH}_3)_2$	60	101-103 (2)	1.4680	0.9570
$-\text{CH}=\text{CHCOC}_6\text{H}_5$	90	$-(\text{CH}_2)_2\text{COC}_6\text{H}_5$	70-80	157.5-159 (8)	—	—
$\text{C}_6\text{H}_5-\text{CH}=\text{CHCOCH}_3$	120	$\text{C}_6\text{H}_5-(\text{CH}_2)_2\text{COCH}_3$	90	k 30	—	—
$\text{C}_6\text{H}_5-\text{CH}=\text{CHCOC}_6\text{H}_5$	50	$\text{C}_6\text{H}_5-(\text{CH}_2)_2\text{COC}_6\text{H}_5$	75	111-112 (13) k 72-73 ^a	1.5131	0.9920

Card 4/6

(Caption to Table 1 on Card 5/6)

Table 1. (b) Hydrogenation of unsaturated ketones; (c) conditions of hydrogenation; (d) physical properties of obtained saturated ketones; (e) R; (f) pressure of hydrogen (in atm); (g) R'; (h) yield in %; (i) bp/mm pr; (k) mp.

Preparation and Some Properties of Two New Compounds

Nr	Starting materials	Obtained product	bp/mm pr	n_D^{20}	d_4^{20}	Yield in %
1	Furylacrolein + methyl isobutyl ketone + 65% alcohol + 33% NaOH	1-(α -furyl)-octa-1,3-dien-5-one (I)	132-135 ^o /2	1.6292	1.0200	-

(Cont'd on Card 6/6)

alcohol + CuAl catalyst + H₂ (at 100 atm) -methyloctan-5-one

28987

O lyesostyepnom floristichyeskom komplekseye sevyernogo I syevyernoey chati
srednyego urala. Botan. Zhurnal, 1949, No. 4, C. 381-88--Bibliogr: C. 388

SO: Letopis' No. 34.

5.3400

77540

SOV/80-33-1-49/49

AUTHORS:

Ponomarev, F. G. Troytskiy, A. F., Shatalov, V. P.

TITLE:

Brief Communications. Concerning the Copolymerization of Styrene Oxide With Butadiene. Communication XIX. From the Series of Investigations in the Field of Heterogeneous Emulsion Polymerization

ABSTRACT:

SYNOPSIS:

The copolymerization of styrene oxide with butadiene and also of styrene with butadiene in the presence of a small amount of ethylene oxide was investigated. By polymerization of styrene oxide with butadiene in a ratio 15 to 85, in a water emulsion, at 50°, in the presence of isopropylbenzene hydrogen peroxide (as initiator), a latex was obtained by coagulation of which a polymer with rather high molecular weight was obtained. The latter had a better elasticity than rubber CKC-30A). The addition of ethylene oxide

Card 1/3

Brief Communications. Concerning the
Copolymerization of Styrene Oxide With
Butadiene. Communication XIX.

77540
SOV/80-33-1-49/49

(0.5-4%) to the polymerization system of butadiene
and styrene causes the lowering of the temperature
(from 12 to 60) of gelatinization of the latex.
N. V. Starostina took part in this work. There are
2 tables; and 2 references, 1 Soviet, 1 French.

SUBMITTED: March 2, 1959

Card 2/3

N/5
762.206
.Pl

PONOMORENKO, A. A.

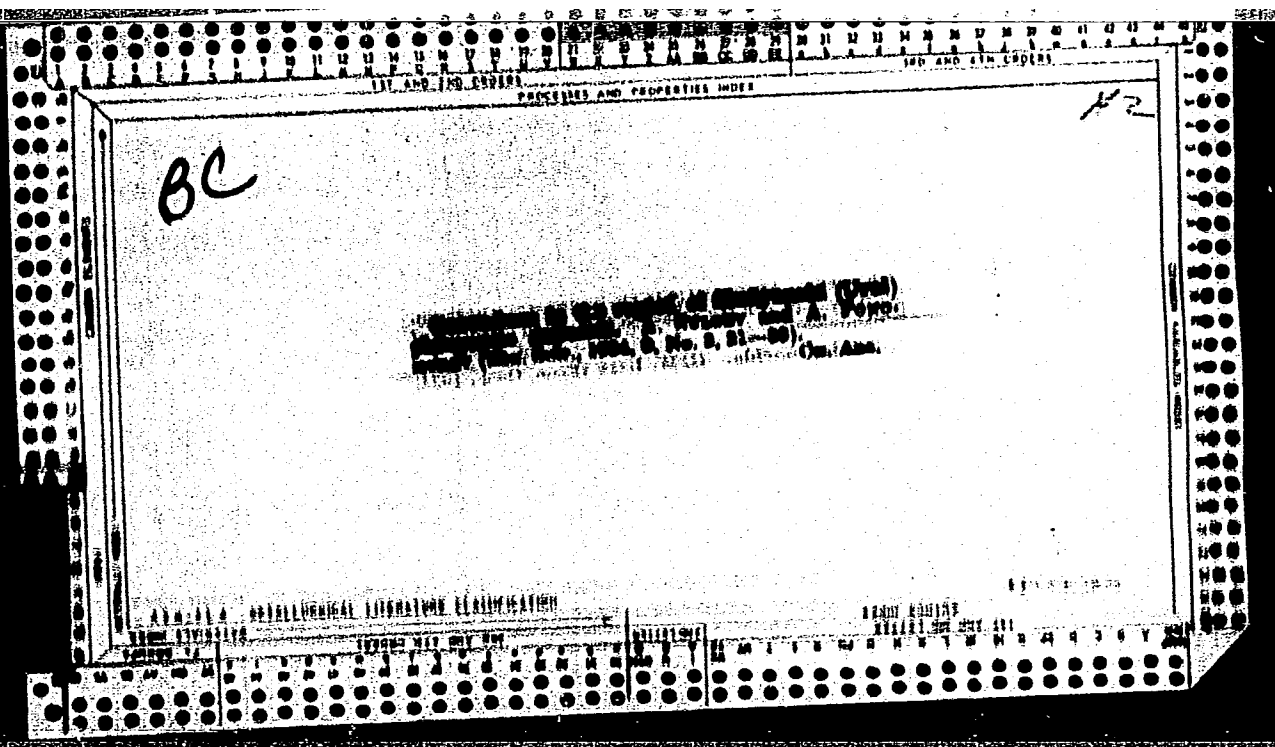
Oplata Truda Rabotnikov Stroitel'Nyk Organizatsiy (Wages of Workers in the Construction and Transport Ministries,) by V. N. Peretrutov, A. A. Ponomorenko, I P. N. Rishar. Moskva, Transzheldorizdat, 1957. 270 P. Tables.

РОНОМЕНКО, А. Р. ; ШАКИН, А. И.

U S S R .

Reaction of the Grignard reagent of 3-chloro-2,4-dimethyl-1-pentene with diisopropyl ketone, ethyl formate, and amyl butyrate. V. A. Ponomarenko and T. Ya. Tolka-
cheva. *Dokl. Akad. Sci. U.S.S.R., Div. Chem. Sci.* 1953,
807-12 (Engl. translation).—See C.A. 49, 2208i.

H. L. H.



1ST AND 2ND GROUPS																										3RD AND 4TH GROUPS																									
PROCESSING AND PROPERTIES INDEX																																																			
<i>Corundum in the region of Studynskii (Ural) phlogopite</i> <i>occurs. A. Salov and A. Ponomarev. Mineral.</i> <i>Mag. 9, No. 3, 31-3(1934). The paragenetic origin of</i> <i>corundum together with spinel, hornblende, mica, musco-</i> <i>vite and other minerals in the region is discussed. The</i> <i>chem. and phys. properties of the minerals are outlined.</i> <i>Chas. Blanc</i>																																																			
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION																																																			

1. U.S. (1944)

"The Formula of Negative Heat Exchange Between Air and Water."
Trudy instituta okeanologii AN USSR, Volume II, 1948 (14-20)

9. Meteorologiya i Gidrologiya, No. 3, 1949.

Report U-2551, 30 Oct 52

PONORAN, N.

Effect of nonmetallic inclusions upon the quality of steel. p. 8.

TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor)

Docuamente, Vol. 3, No. 46, Feb. 1956.

Doc. Tech. European Association Lib. Vol. 5, No. 2 - September, 1956

IONORI, A.

Astronomical phenomena and chronology. p. 476. Plants causing dermatitis. p. 479.
TERMESZET ES TARSADALOM. (Tarsadalom- es Termesztudomani Ismeretterjeszto
Vallalat) Budapest. Vol. 113, no. 8, Aug. 1954.

SOURCE: East European Accessions List (EAL), Library of Congress
Vol. 5, no. 6, June 1956

PONORI, T. Aurel

How shiny is the earth viewed from the moon? Elet tud 19
no.6:279: 7 F'64.

1. Urania Bemutato Csillagvizsgalo helyettes igazgatoja.

1980-1981

"Scientific" hypotheses in the literature for demonstrating natural sciences. Term and goal / no. 12: 5/1-5/2 D 1981.

1. Tudományos Ismeretterjesztő Társulat Urania Csillagvizsgáló igazgatóhelyettese.

PONORI THEWREWK, Aurel

When does the night begin astronomically? Elet tud 19 no.38:1812
18 S '64.

1. Deputy Director, Urania Demonstrative Astronomical Observatory,
Budapest.

~~PONORI, Aurel~~

The Horbiger theory in the present-day literature of popular science. Term. tud kozl 8 no.1:36-37 Ja'64.

1. Tudományos Ismeretterjesztő Társulat Urania Csillagvizsgáló igazgatóhelyettese.

PONORI Thewrewk, Aurel

The 7 November 1960 transit of Mercury. Term tud kozl 4
no. 12:565-566 D '60.

PONORI THEWREWK, Aurel

Lessons from the description of a natural phenomenon. Term tud kozl
8 no.10:450-454 0 '64.

1. Deputy Director, Urania Demonstrative Astronomical Observatory,
Budapest, and Editorial board member, "Termeszettudomanyi Kozlony".

REPORT THERMOCAP Aurel

Telemetry in astronomy. Elet tud 19 no. 26: 1227-1230
26 Je '64.

1. Deputy director, Urania Astronomical Observatory of
the Society for the Propagation of Scientific Knowledge,
Budapest.

PONORI THEWREWK, Aurel

The February 15, 1961, solar eclipse. Elet tud 16 no.1:7-8
1 Ja '61.

1. Tudományos Ismeretterjesztő Társulat Urania Bemutató Csillag-
vizsgáló munkatársa.

PONORI Theurewk, Aurel

Itineraries. Elet tud 16 no.15:471 9 Ap '61.

PONORI THEMREK, Aurel

The calendar of the Mayas. Elet tud 16 no.5:143-147 29 Ja '61.

1. Tudományos Ismeretterjesztő Társulat Urania Bemutató
Csillagvizsgáló munkatársa.

ACCESSION NR: AP4031142

S/0056/64/0046/004/1220/1225

AUTHORS: Demidov, V. S.; Verebryusov, V. S.; Kirillov-Ugryumov, V. G.; Ponomov, A. K.; Sergeyev, F. N.

TITLE: Absorption of negative pions stopped in propane

NUMBER: EN 54958 1 1981 11 1 1481 1441 1444

TOPIC TAGS: pion absorption by carbon, two nucleon model, many nucleon model, nuclear structure, bubble chamber, propane bubble chamber, secondary particle angular distribution, secondary particle energy spectrum, np pair absorption, pp pair absorption

ABSTRACT: To compare the effectiveness of pion absorption in carbon by the two-nucleon mechanism against the effectiveness of other possible mechanisms, a four-liter propane bubble chamber was used to obtain the energy spectra of the secondary singly-charged particles resulting from the absorption of slowing-down pions by carbon and to

Card 1/3

ACCESSION NR: AP4031142

obtain the distributions with respect to the angle between the prongs of the pion stars. Bubble-chamber photographs from an earlier investigation of the scattering of low-energy pions (ZhETF v. 42, 1687, 1962) were used as the source material. The estimates based on the energy spectra show that the maximum possible contribution of pion absorption by a complex of several nucleons (≥ 4) does not exceed 20%. A Monte Carlo electronic-computer analysis of more than 2000 interactions has shown that the experimental data agree with the two-nucleon mechanism, and that the probability of absorption of the pion by an np pair is two or three times larger than the probability of absorption by a pp pair; the latter agrees with the author's earlier results (ZhETF v. 44, 1144, 1963). "In conclusion, the authors are indebted to Professor A. I. Alikhanyan and L. B. Kotenko, whose efforts made this experiment possible, to V. P. Piskunov who participated in the early stage of the work, to M. A. ...

ACCESSION NR: AP4031142

tal'noy fiziki (Institute of Theoretical and Experimental Physics)
for APPROVED FOR RELEASE: 07/13/2001g. CIA-RDP86-00513R001342210001-7"
tables.

ASSOCIATION: Moskovskiy inzhenerno-fizicheskiy institut (Moscow Engineering Physics Institute)

SUBMITTED: 25Oct63 DATE ACQ: 07May64 ENCL: 00
SUB CODE: PH NO REF SOV: 012 OTHER: 005

DEMIDOV, V.S.; KIRILLOV-UCHYUMOV, V.G.; PONOSOV, A.K.; PROTASOV, V.P.;
CHEREPYEV, N.M.

RESEARCH CENTER FOR THE STUDY OF THE PROBLEMS OF THE

L 58953-65

ACCESSION NR: AT5010455

Absorption of positive pions with formation of 1, 2, and 3 heavy particles (p, d, etc.) was investigated. The meson energy at the instant of absorption was 60 ± 20 MeV. Distributions of the event with production of two particles shown peaks at excitation energy values of 148 and 128 MeV. The same spectrum plotted for more symmetrical stars shows the 148 MeV peak more clearly. It is shown that the spectra can contain, besides the distribution with respect to the diproton mass, also components due to pd, dd, and similar stars, which can be mistaken for pp stars. The 128 MeV peak may be due to the presence of pd stars. The results indicate the possible existence of a diproton resonance with excitation energy 148 ± 4 MeV and width 20 MeV, and also a pd resonance with approximate excitation energy 128 ± 4 MeV and width 20 MeV. Such resonances might be observed in the production of all resonances with mass 150 ± 10 MeV, producing the resonance by its interaction with other nucleons. With an a priori observation of the spectrum may be convenient in analyzing. The authors thank L. A. Alkhazov for a discussion of the results. (Soviet Physics JETP 1964)

End 1/2

L 58953-65
ACCESSION NR: AT5010455
ASSOCIATION: Institut teoreticheskoy i eksperimental'noy fiziki
GKAE (Institute of Theoretical and Experimental Physics, GKAE)
SUBMITTED: 01Aug64 ENCL: 00 SUB CODE: NP
NR REF SOV: 001 OTHER: 002

Card 3/3

PONOMAREV, A. R.

8/089/62/013/006/019/027
B102/B186

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo instituta (Scientific Conference of the Moscow Engineering Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fivayskiy, deceleration of medium-energy antiprotons in matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mössbauer effect; M. I. Ryazanov, theory of ionisation losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Rukhadse, h-f conductivity of subcritical plasma;

Card 1/4

VESELOVSKIY, G.S.; GRASHIN, A.F.; DEMIDOV, V.S.; KUZNETSOV, Ye.V. [deceased];
KUZNETSOV, Ye.P.; PONOSOV, A.K.; PROTASOV, V.P.; SERGEYEV, F.M.;
SHALAMOV, Ya.Ya.

Production of slow $\tilde{\pi}$ -mesons on light nuclei, and $\tilde{\pi}\tilde{\pi}$ -interaction.
IAd. fiz. 2 no.3:496-500 S '65. (MIRA 18:9)

1. Institut teoreticheskoy i eksperimental'noy fiziki
Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR.

L 39952-65 EWT(m)/EPF(n)-2/EPR/T/EWP(t)/EWP(z)/EWP(b) Pad/Ps-4/Pu-4
ACCESSION NR: AP4007906 S/0075/63/016/012/1432/1435
IJP(c) JD/HW/JG

43
31
B

AUTHOR: Zhivopistsev, V. P.; Ponosov, I. N.; Selezneva, Ye. A.

TITLE: The possibility of concentrating and separating elements by using three phase extraction systems

SOURCE: Zhurnal analiticheskoy khimii, v. 18, no. 12, 1963, 1432-1435

TOPIC TAGS: ultra pure material, trace analysis, impurity concentration, impurity separation, three phase solvent extraction, thiocyanic acid metal complex, antipyrine, 4 methyl reagent, cobalt/nickel separation, solvent extraction, ultrapure element, trace impurity, metal impurity

ABSTRACT: A study of the three-phase extraction system that might be used in the concentration and separation of elements revealed that the overall extraction processes are the same as in the case of two-phase systems but, unlike the latter, the behavior of certain individual elements in the three-phase systems shows a number of interesting characteristics which are apparently due to a

Card 1/3

L 39952-65

ACCESSION NR: AP4007906

higher concentration of reacting components. One of the characteristics is the wide range of elements capable of extraction, such as aluminum, titanium, zirconium, niobium, lanthanum and other rare earth elements. Another characteristic feature of the three-phase systems is the inversely proportional relationship between extractability and the acidity of the medium, and this applies particularly to molybdenum, tungsten, zinc, tin, cobalt and iron. An exception is germanium, extraction of which increases with increasing acidity. Experiments involving the use of cobalt revealed that its extraction by the three-phase system (including the two-phase system whereby very little cobalt is extracted) is as high as 99%. The experiments developed a "thiocyanic acid series" which will undoubtedly increase the extraction of a number of elements (molybdenum, tungsten, zinc, tin, etc.) to the level of cobalt. It should also be pointed out that the introduction of the three-phase system improves the extraction of titanium, thorium and bismuth which can then also be fully concentrated. The usually very inadequate extraction of manganese, for example, can be raised to 86% by the employment of the three-phase system. Orig. art. has: 1 figure.

Card 2/3

L 39952-65

ACCESSION NR: AP4007906

ASSOCIATION: Permskiy Gosudarstvennyy Universitet (Perm State University)

SUBMITTED: 19Aug63

ENCL: 00

SUB CODE: GC

NO REF SOV: 000

OTHER: 000

Card 8/8

PROCESSING AND PROPERTIES INDEX																									
1ST AND 2ND ORDER													3RD AND 4TH ORDER												
✓ Ponomov, V.I. Statistical treatment of analytical results on standard samples. A. V. Groshev and V. I. Ponomov. <i>Zavodskaya Lab.</i> 14, 669-77 (1948).—The general methods of statistical analysis are explained and the result is presented of a study of Mn detns. by persulfate and bismuthate methods. Both methods are approx. equiv. in accuracy and the allowable deviations, but the persulfate method shows approx. twice the mean square deviation; on this basis a sliding scale of permissible deviations for the method is derived as: $1 = 0.015x + 0.019$, where x is the Mn content. G. M. Kosolapoff																									
ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND ORDER													3RD AND 4TH ORDER												
1ST AND 2ND ORDER													3RD AND 4TH ORDER												

DEMIDOV, V.B.; KIRILLOV-UCHYUMOV, V.G.; PONOMOV, A.K.; POTANOV, V.I.;
SIBIRSKY, P.M.

Absorption of stopped mesons π^+ in carbon. Zhur. eksp. i teor. fiz. 44 no.4:1142-1146 Apr 1963. (MIRA 1034)

1. Moskovskiy inzhenerno-fizicheskiy institut.
(Mesons—Capture) (Carbons)

38875

S/056/62/042/006/047/047
B104/B112

24 6600

AUTHORS: Demidov, V. S., Kirillov-Ugryumov, V. G., Ponomov, A. K.,
Protasov, V. P., Sergeev, F. M.

TITLE: Elastic scattering of π^- mesons with energies of 5-12 Mev
by carbon nuclei

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42,
no. 6, 1962, 1687-1688

The experiments were made with a propane bubble chamber (dimension, 100 x 100 x 100 mm) placed in the path beam of the synchrotron of the Ural 100 MeV accelerator. Identical from the characteristics of the end of their path, are selected to measure the angular distribution of mesons projected into the plane of the film. At a meson energy events were registered between 15 and 100 MeV. The sign of the potential of the system pion - carbon nucleus can be determined directly from the difference between the angular distributions of π^+ and π^- mesons. There is 1 table.

Card 1/2

Elastic scattering of π^- mesons ...

S/056/62/042/006/047/047
B104/B112

ASSOCIATION: Moskovskiy inzhenerno-fizicheskiy institut (Moscow
Engineering Physics Institute)

SUBMITTED: April 23, 1962

Card 2/2

ACC NR: AT7008896

obtain the angular distributions of the elastic scattering of pi-mesons. The article lists the experimental values of the differential cross sections for energies of 5-8, 8-15, and 15-22 Mev in the case of positive mesons and 5-8 and 8-15 Mev for negative mesons. A phase-shift analysis was made by the least-squares method on a "Ural" digital computer and a comparison was made of the angular distributions for positive and negative pi-mesons in identical energy ranges. It was established that the potential of the nuclear interaction between a pi-meson and a carbon nucleus at energies 5-22 Mev corresponds to repulsive forces. The phase shifts and potential value which were found agree with data obtained in the investigation of pi-meson atoms and elementary meson-nucleon scattering. The authors express their thanks to A. I. Alikhanyan, L. P. Kotenko, Ye. P. Kuznetsov, and A. V. Samoylov for their help in the work and to Z. S. Galkina, V. A. Yeliseyeva, and Z. A. Volobuyeva for taking part in the measurements. Orig. art. has 2 formulas and 3 tables. [4170]

Card 2/2

Ponosov, V.I.

5 (2)
AUTHORS: Petukhova, N. I., Kurbatova, V. I., NOV/32-25-7-13/50
 Stepin, V. V., Ponosov, V. I.
TITLE: News in Brief (Korotkiye soobsheniya)
PERIODICAL: Zavodskaya laboratoriya, 1959, Vol 25, Nr 7, p 80% (RER)
ABSTRACT: N. I. Petukhova, V. I. Kurbatova, V. V. Stepin and V. I. Ponosov describe a method for the colorimetric determination of tantalum in crystalline silicium, in the absence of titanium, iron molybdenum and tungsten. Ta is separated from Ti, Fe and Mo by precipitation of the latter with phenylarsonic acid. The separation of Ta from W takes place by means of a precipitation of copper. The final determination of Ta is carried out colorimetrically according to the pyrogallol reaction. V. I. Kurbatova (Ural'skiy institut chernykh metallov - Ural Institute for Iron Metals) suggests a method for the determination of aluminum in manganese ores. The method is based upon an electrometric and compensation-free titration of Al with a solution of sodium fluoride (or ammonium fluoride) in a mixture of acetate buffer. Within the sphere of pH 3-5 well reproducible results were achieved. V. V. Stepin and V. I. Ponosov (Ural'skiy institut chernykh metallov - Ural Institute for Iron

Card 1/2

Metals) describe a method for separating small amounts of lead from molybdenum by means of a weakly alkaline anion exchanger TM. Lead is adsorbed from a 1.5 - 2.5 n salt solution, while molybdenum remains in the solution. The method can be applied to the analysis of ferromolybdenum. Lead is determined according to the dithionite method. The granulation of the anion exchanger is found to be 0.39 ± 0.15 mm, the rate of flow of the solution 1.0 - 1.2 ml/min. There are 2 Soviet references.

ASSOCIATION: Ural'skiy institut chernykh metallov (Ural Institute for Ferrous Metals)

Card 2/2

AUTHORS: Stepin, V. V., Ponosov, V. I., SOV/32-24-8-7/43
Silayeva, Ye. V.

TITLE: The Separation of Trace Amounts of Bismuth, Cobalt, Nickel, Phosphorus, Iron, and Copper Using Ionites (Otdeleniye malykh kolichestv vismuta, svintsa, kobal'ta, nikelya, fosfora, zheleza i medi s pomoshch'yu ionitov)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr. 8, pp. 934-938 (USSR)

ABSTRACT: In this paper chromatographic methods are described for separating the above metals in the analysis of nickel and nickel alloys. The separation is based upon the difference in the stability of the complex compounds which these elements form in concentrated acid solutions. In 8n hydrochloric acid these complexes are adsorbed onto the anionite, and with subsequent elution with 4-0.5n hydrochloric acid the less stable complexes of cobalt, copper, and iron are destroyed and completely desorbed. Lead is desorbed with a 0.02n hydrochloric acid solution, and bismuth with a 2n sulfuric acid solution. To separate out phosphate ions "vofatit P" and anionite

Card 1/2

The Separation of Trace Amounts of Bismuth,
Cobalt, Nickel, Phosphorus, Iron, and Copper Using Ionites

SOV/32-24-8-7/43

types **AN-2F** and **TM** were used. The latter were used in the Cl^- form, and the cationites were used in the H^+ form. An analytical procedure is given which employs data obtained by Nelson and Krause (Ref 4) in their investigations on the degree of adsorption of lead, and which can be used for the determination of iron according to the ion exchange method of D. L. Ryabchikov and V. Ya. Bukhtiarov (Ref 9). The separation of the iron and copper fractions in the method just referred to was not successful, and the probable cause of this failure was the variable quality of the anionite used. Also mentioned are the attempts of Mur and Kraus (Ref 5) to selectively elute nickel, manganese, cobalt, copper, iron, and others, in this order, from the anionite. There are 5 figures, 6 tables, and 12 references, 10 of which are Soviet.

ASSOCIATION: Ural'skiy institut chernykh metallov (Ural Institute for Ferrous Metals)

Card 2/2

STEPIN, Vasil'y Vasil'yevich; SILAYEVA, Yelizaveta Vasil'yevna;
KURBATOVA, Vera Ivanovna; KHANOVA, Tamara Filaretovna;
BARBASH, Tat'yana L'vovna; PONCOV, Vladimir Il'ich

[Analysis of nonferrous metals and alloys] Analiz tsvetnykh
metallov i splavov. Moskva, Metallurgiya, 1965. 187 p.
(MIRA 18:9)

L 61049-65 ENT(m)/ENG(m)/ENP(t)/ENP(b) LTP(c) DS/JP/GS/PA
 ACCESSION NR: AT5014249 UR/0000/65/000/000/0093/0095

AUTHORS: Stepin, V. V.; Ponosov, V. I.; Mel'chekova, Z. Ye.

TITLE: Investigation and development of methods for the determination of Zn in heat-resistant and magnesium alloys and of Pb, Zn, and Bi in metallic vanadium with the application of ion-exchange chromatography

SOURCE: AN SSSR. Institut fizicheskoy khimii. Ionobmennaya tekhnologiya (Ion exchange technology). Moscow, Izd-vo Nauka, 1965, 93-95

TOPIC TAGS: zinc, zinc alloy, lead, bismuth, vanadium, magnesium alloy, ion exchanger, ion exchange resin, analysis / AV 17 anion exchange resin

ABSTRACT: This work was undertaken to develop fast, simple, and reliable methods (using ion-exchange chromatography) for the determination of Zn in high-temperature and magnesium alloys as well as for the determination of Zn, Pb, and Bi in metallic vanadium. Methods for the determination of Zn in high-temperature alloys in the presence of Fe, Mn, Si, Cr, Mo, V, Cu, Ti, Bi, Co, Al, and Ni, and in magnesium alloys using a strongly basic anion-exchange resin AV-17 have been developed. The experimental error is 10% for an initial concentration of Zn = 10^{-3} - 10^{-4} and 2-5% for an initial concentration of Zn = 0.2 to 1.2% respectively.

Card 1/2

L 61049-65
ACCESSION NR: AT5014249

A method for the determination of trace amounts of Pb, Zn, and Bi in metallic vanadium is developed. This method is based on the ion-exchange properties of the TH anion-exchange resin (saturated with chloride ions). The error in the determination is 10% for an initial concentration of elements equal to 2×10^{-5} M. 2×10^{-4} . Orig. art. has: 1 equation.

ASSOCIATION: none

SUBMITTED: 26Feb65

ENCL: 00

SUB CODE: IC, GC

NO REF SOV: 005

OTHER: 000

782
Card 2/2

LORAN, Zh. [Laurent, G.]; PONSO, K.; POTEN'YE, M.; BARANSKIY, L.N.;
KAZAK, B.N.; MATVEYEVA, E.T.

Some characteristics of magnetic Pc 1 pulsations in magnetically
coupled regions (Borok-Kerguelen station, February, 1964). Geomag.
1 ser. 5 no.3:499-501 My-Je '65. (MIRA 18:5)

1. Sluzhba ionosfernykh issledovaniy, Parizh (for Loran, Ponso,
Poten'ye). 2. Institut fiziki Zemli AN SSSR, Moskva (for Baranskiy,
Kazak, Matveyeva).

PONOSYAN, A.K.

Scientific session of the Section of Microbiology of the
Academy of Sciences of the Armenian S.S.R. devoted to
problems of the effectiveness of bacterial fertilizers.
Mikrobiologiya 24 no.5:644 S-O '55. (MLRA 9:1)
(FERTILIZERS AND MANURES) (SOILS--BACTERIOLOGY)

Ponov, A. P.

IKIAN/Meteorology - Tonic phenomena

Card 1/1 : Pub. #6 - 34/39

Authors : Ponov, A. P.

Title : Aurora borealis in the Stalingrad district

Periodical : Priroda 44/3, page 123, Mar 1955

Abstract : An account is given of the appearance of the aurora borealis on 14 September 1954 in the Stalingrad district; the phenomenon aroused considerable attention because of its rarity in that region.

Institution :

Submitted :

Subject : USSR/Aeronautics AID P - 3799
Card 1/1 Pub. 58 - 12/25
Author : Ponov, N.
Title : In the aeroclub of Saratov
Periodical : Kryl. rod., 12, 10, D 1955
Abstract : Several photos illustrating the life of the above-mentioned aeroclub. Names of some members are given.
Full Title : Aeroclub of Saratov
Submitted : the date

PONOVAREV, A.M.

"Wooded-steppe Flora Complex of the Northern Urals and Northern Part of the
Central Urals", Botan Zhur, 34, No. 4, 1949. MBR. Moscow State U. --cl949--

POHOVAIOEV, A.N.

"On the Relatively Narrow Range of Distribution of the Calocophytes of the Middle Urals as Connected with Their Relict Nature," ibid 48, No. 3, 1945. Molotov State U., -cl944-.

PONOVAREV. V.A.

"Coagulation of Very Turbid River Waters," Elek. Stan., No. 11, 1949. Engr. Ugol'nikov.

PONOVAREV. V.V.

"Denaturization of Proteins", Uspekhi Khim., 18, No. 6, 1949. Moscow, -c1949-.

POHFA, D.A.

[Tobacco growing in the Crimea] Tabakovodstvo Kryma. Simferopol',
Krymizdat, 1953. 302 p. (MLRA 10:8)

1. Simferopol'. Krymskaya zonal'naya opytnaya tabachnaya stantsiya.
(Crimea--Tobacco)

Donchenko, V.M.; Ponpa, G.D.

Phased salt metering in the preparation of white bread. Khleb. i kond.
prom. 1 no. 5:38-40 My '57. (MIRA 10:6)

1. Krasnodarskiy trest Glavnogo upravleniya khlebobopashenskoy promyshlennosti RSFSR.

(Ukrain)

PONSAR, A.E.

Small-size electronic potentiometers and secondary instruments.
Priborostroenie no.10:27-28 0 #56.
(Electronic instruments) (Potentiometer) (MLRA 9:12)

PONSAR, A.E.

EPK-1/4" three-way electropneumatic valves. Priboroostroenie no.7:
18 JI '56. (Valves) (MLRA 9:8)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210001-7

DDI CODE: 04/ SUBM DATE: 08/10/66/ ORIG REF: 002/ GTH REF: 002/ ATD PRESS: 5101

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342210001-7"

Card 2/2 afs

FONSOV, A. G.

"Actinometric Observations at Sea".

Meteorol. i gidrologiya, No 4, pp 52-53, 1954.

Description of the design of an indicator with attached cap for holding actinometric instruments which ensures reliability, rapidity, and convenience of actinometric observations on the open sea is given. At the time of observations the indicator 7.5 meters long is set perpendicular to shipboard. On the attachment are fastened 2 pyranometers in tandem balance, a balance gauge and effective pyranometer. On the attached cap pyranometer has been made for a horizontally movable detachable plate with 120° range for which is mounted a scale plate along the scale of the indicator. The indicator is mounted on a base the pyranometer is attached. The assembly is fastened to a mast or other support by means of a hook and fastened to the base by means of a hook. (Abstract, p. 110)

Doc. from the USSR, 2 Apr 1956

GORODNICHEVA, O.P.; NOVYSH, V.V.; PONSOV, A.G.

Nonpolarized electrodes of a geoelectromagnetic current meter.

Trudy GOIN no.30:106-110 '55.

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(Ocean currents) (Magnetic instruments)